

STEREO MOC Status Report
Time Period: 2011:045 - 2011:051

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 047, during the DSS 65 support, intermittent turbo decoder lock from 0928 - 1005z due to rain. This resulted in the loss of ~2 hours SSR data for all instruments. See DR# M106157 for more information.
- On day 049, during the DSS 65 support, turbo decoder lock was lost briefly at 0942z. This resulted in the loss of four frames of instrument SSR data. See DR# N107158 for more information.
- On day 050, during the DSS 55 support, turbo decoder lock was lost briefly at 0931z. This resulted in the loss of four frames of instrument SSR data. See DR# N107159 for more information.
- On day 051, during the DSS 55 support, turbo decoder lock was lost briefly at 0750z. This resulted in the loss of two minutes of SECCHI SSR data. See DR# N107161 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 4.3 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 047, during the DSS 65 support, intermittent turbo decoder lock from 1655z throughout the track due to rain. To avoid data loss, MOPS disabled the SSR playback and moved the Read pointers back to the beginning of track position. All weekly commanding activities were moved to

tracks on DOY 048 and 049. See DR# M106160 for more information.

On day 049, during the DSS 14 support, intermittent turbo decoder lock from 0136z throughout the track due to rain. To minimize data loss, MOPS replayed SSR partitions 15 (IMPACT), 17 (PLASTIC), 20 (SECCHI). This resulted in the loss of ~3 hours SSR data for all instruments. See DR# G111098 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 046, during the DSS 65 support, Re-enabled playback of the SECCHI special Event partition #20 at 1833z. The data not playback during this track due to the SSR partition #20 leading pointer being set as read pointer.
- On day 049, during the DSS 14 support, changed the SSR partition #20 leading pointer to write pointer and began playback of the SECCHI special event.
- The average daily SSR playback volume for Behind was 4.5 Gbits during this week.